



Grippers for collaborative robots 3-way finger type

# RCKL - TM Series

With speed controller, cylinder switch  
Port size:  $\varnothing 4$  push-in fitting



## Specifications

Item		RCKL
Bore size	mm	$\varnothing 40$
Actuation		Double acting
Working fluid		Compressed air
Max. working pressure	MPa	0.7
Min. working pressure	MPa	0.3
Port size		$\varnothing 4$ push-in fitting
Ambient temperature	$^{\circ}\text{C}$	5 to 50
Operating stroke length	mm	10
Repeatability	mm	$\pm 0.01$
Weight	kg	1.1
Display lamp		Blue/green
Cylinder switch		With T2H (Lit when red LED is ON)

Note: When manufacturing the attachment according to the workpiece, refer to page 5.

## How to order

RCKL - 40CS - **F** **Y3V** - TM

**A** Robot flange      **B** Accessories OMRON Robot authentication

Code	Description
<b>A Robot flange</b>	
Blank	Without robot flange
F	With robot flange (*1)
<b>B Accessories</b>	
Blank	No accessories
Y3	Attachment (*2)
V	Directional control valve/tube (*3)

\*1: Robot flange mounting bolts included

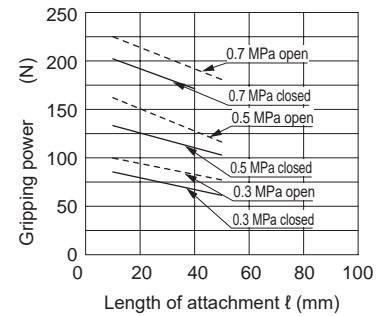
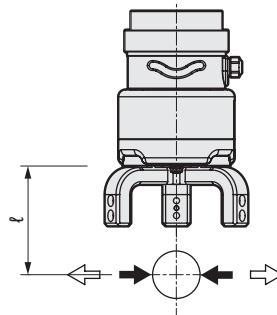
\*2: Made-to-order product, aluminum. (Weight 50 g per pc)

\*3: Directional control valve has  $\varnothing 4$  push-in fitting (air supply port, A/B port), silencer (R1/R2 port) and mounting plate. Tube outer diameter  $\varnothing 4$ , length 2.5m $\times$ 2. For more information on gripping force performance data directional control valve, refer to the Ending pages.

## Gripping power performance data

- The gripping force represents the thrust in the direction of the arrow shown in the figure (for one finger).
- The gripping force acting in the opening and closing directions of the gripper's attachment length  $\ell$  when the supply pressure is 0.3, 0.5 and 0.7 MPa.

- Open direction( $\leftarrow$ ) ----- (Broken line)
- Close direction( $\rightarrow$ ) ----- (shown with continuous line)



## Dimensions

